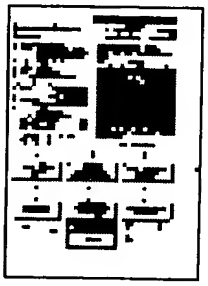
Title: **JP59131638A2: OPEN-CELL FOAMED MATERIAL OF CROSSLINKED POLYOLEFIN HAVING HYDROPHILIC PROPERTY AND ITS PREPARATIO**

Derwent Title: Crosslinked polyolefin open-cell foam - prepd. from polyolefin, foaming agent and crosslinking agent [Derwent Record]

Country: **JP** Japan
Kind: **A**



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Priority Number: 1983-01-18 **JP1983000836899**

Abstract: PURPOSE: To obtain a foamed material having excellent hydrophilic property, water retainability and weather resistance, and the feeling of the human skin, by kneading a polyolefin with a foaming agent and a crosslinking agent, heating the kneaded product under normal pressure to obtain a foamed material, interconnecting the cells of the material by mechanical deformation, and impregnating a water-insolubilized polyvinyl alcohol to the foam.

CONSTITUTION: A foamable and crosslinkable kneaded composition composed of a polyolefin, a foaming agent and a crosslinking agent and free of gel fraction, is heated under normal pressure to effect the simultaneous decomposition of the foaming agent and the crosslinking agent to obtain a foamed material, which is subjected to the mechanical deformation to interconnect the cells with each other. An open-cell foamed material having uniform and fine cell structure and elasticity, an expansion ratio of 15W70 and an open-cell ratio of □80% can be manufactured by this process. A water-insolubilized polyvinyl alcohol is impregnated in the pore. The polyvinyl alcohol has a polymerization degree of about 500W2,000, and the amount is 0.001W0.02g per 1cm3 of the foamed material.

Family: None

Other Abstract None